



Hitaltech's SMD L are flexible board connections with individual bridging lengths between 20-40mm. The SMD L combine advantages of SMD technologies of SMD Jumper with Individual insulation length of Hitaltech's Fix Jumper. Therefore SMD L is a flexible solution for various assembly configurations on electronic PCB assy.

BENEFITS

- Automatic assembly by SMD-Pick & Place process
- Variety of possible applications in electronic modules
- Economic alternative compared to e. g. milled and rigid-flexible PCB's
- Higher flexibility and resistance against breakage compared to step-milled PCB's
- No additional manual assy process required
- Reflow soldering (Pb-free recommended reflow profile DIN EN 61760)
- Subsequent bending of the connected PCB's up to 180 ° are possible
- High vibration and bending resistance

CHARACTERISTICS

- Tape & Reel Packaging
- Pitch 1 mm, 1,25 mm, 1,27 mm
- Number of pins: 4 to 16
- Bridging length 20 mm - 40 mm (Pad to Pad)
- Insulation material Nomex®
- Total length starting at min. 22 mm
- Operating temperature - 40 °C to + 125 °C depending on installation situation
- Current rating 2 A @ 20 °C (DIN EN 60512-5-2)
- Insulation resistance (Ω) 10^{10}
- Conductor material Cu-ETP (E-Cu); min 1,5 μ m Sn plated
- Conductor size AWG 28 (0,32mm)
- Recommended Reflow Profil DIN EN 61760
- Voltage rating (VDC) 200V
- Dielectric strength (VDC) 700V

